

**APPARATUS AND METHOD FOR RENDERING AUDIO INFORMATION TO  
VIRTUALIZE SPEAKERS IN AN AUDIO SYSTEM**

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**ABSTRACT OF THE DISCLOSURE**

An audio processor, apparatus, and method use physical speakers to emulate one or more additional speakers. The physical speakers produce sounds that, from a listener's perspective, appear to come from at least one direction where a physical speaker is not present. Any number of additional speakers can be virtualized, such as three or five speakers that allow two speakers to emulate a 5.1 audio system.